

Amendments to the Claims

The current listing of the claims replaces all previous amendments and listings of the claims.

1.-10. (Canceled)

11. (Currently Amended) A motor-driven system comprising:

a rotational electric machine of a 3-phase PM type including,

a stator having an annular magnetic substance, main poles extending radially outward from said magnetic substance, windings wound on said main poles respectively, and inductors each constituted by a plurality of magnetic teeth formed at a forward end of a corresponding one of said main poles, and

an outer rotor type permanent magnet rotor having north (N) and south (S) magnetic poles arranged alternately on an inner circumference of said rotor and in a rotating direction of said rotor in which a number of rotor poles is $2P$, said stator and said rotor being in opposition to each other while an air gap is held therebetween; and

an outer rotating body directly mounted on said rotor to directly drive a load that contacts an outer circumference thereof,

wherein $P=m(3n\pm 1)$ in which m is the number of main poles of the stator for each phase and an integer not smaller than 1, or $P=k(6n\pm 1)$ in which $2k$ is the number of main poles of the stator for each phase and each of k and n is an integer not smaller than 1.

12. (Currently Amended) A motor-driven system comprising:

a rotational electric machine of a 3-phase VR type including,

a stator having an annular magnetic substance, main poles extending radially outward from said magnetic substance, windings wound on said main poles respectively, and inductors each constituted by a plurality of magnetic teeth formed at a forward end of a corresponding one of said main poles, and

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